

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050393.D
 Acq On : 10 Jul 2025 17:18
 Operator : RC/JU
 Sample : Q2529-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-33

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	29	rVB	1211953	1661176	7.07%	1.537%
2	4.969	332	337	346	rVB	508745	732134	3.11%	0.677%
3	5.434	409	416	429	rBV	6213023	9065289	38.57%	8.387%
4	7.022	675	686	698	rBV	6072054	9528555	40.54%	8.816%
5	7.863	822	829	836	rBV	1842227	2910199	12.38%	2.693%
6	9.016	1016	1025	1034	rBV	3676413	5865004	24.95%	5.426%
7	10.657	1296	1304	1313	rBV	2206134	3744911	15.93%	3.465%
8	13.116	1715	1722	1732	rBV	8976634	13714826	58.35%	12.689%
9	14.492	1946	1956	1965	rBV	3326969	4946117	21.04%	4.576%
10	15.839	2179	2185	2193	rBV	1091558	1547398	6.58%	1.432%
11	15.968	2200	2207	2224	rBV	7907694	10879991	46.29%	10.066%
12	17.221	2414	2420	2427	rBV2	4093628	5817791	24.75%	5.383%
13	18.121	2568	2573	2581	rBV	492971	735984	3.13%	0.681%
14	19.839	2859	2865	2879	rBV	20407101	23505168	100.00%	21.747%
15	21.133	3081	3085	3092	rBV2	341913	543069	2.31%	0.502%
16	21.450	3133	3139	3155	rBV	4802112	6808063	28.96%	6.299%
17	24.491	3647	3656	3668	rBV	2404927	6077336	25.86%	5.623%

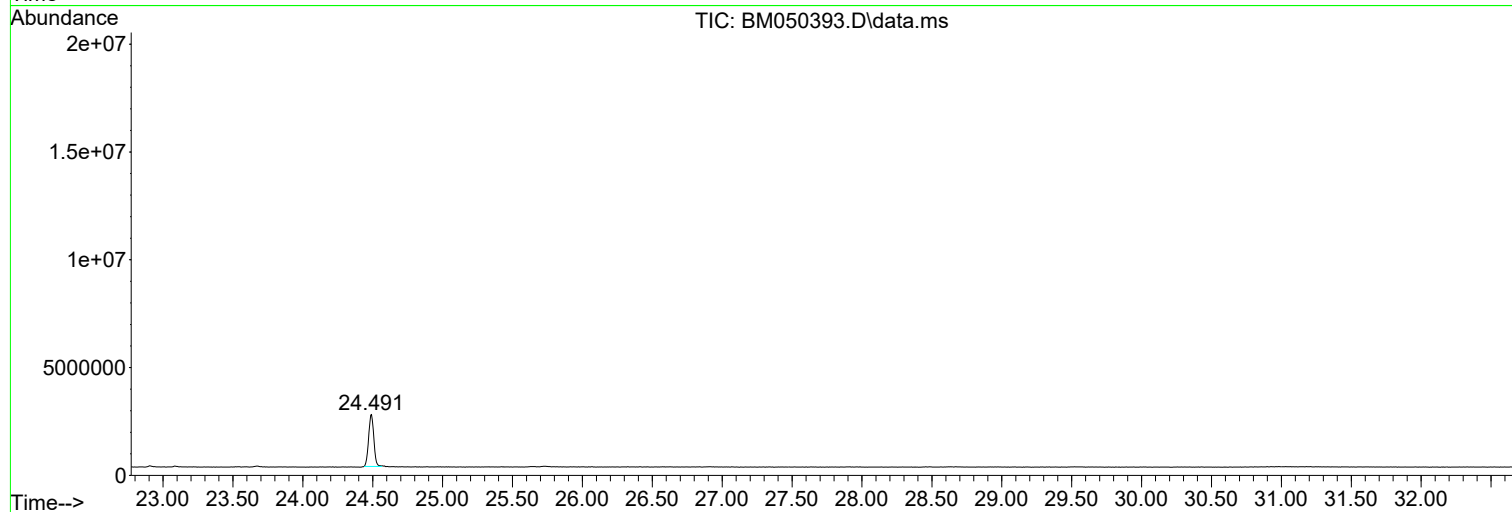
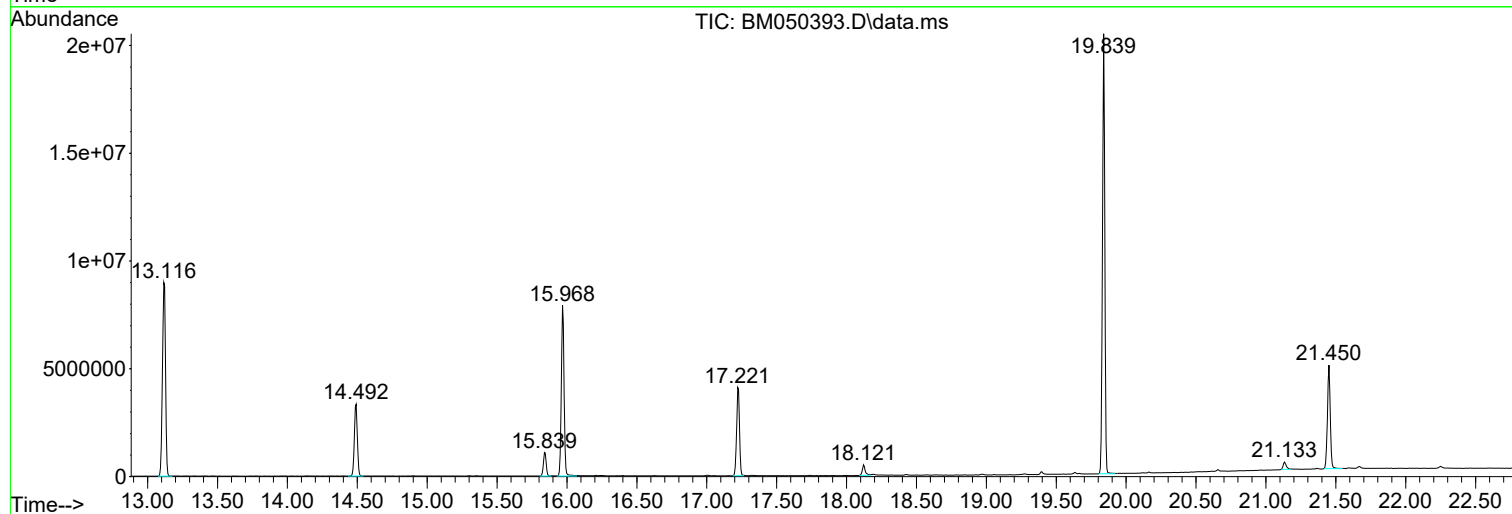
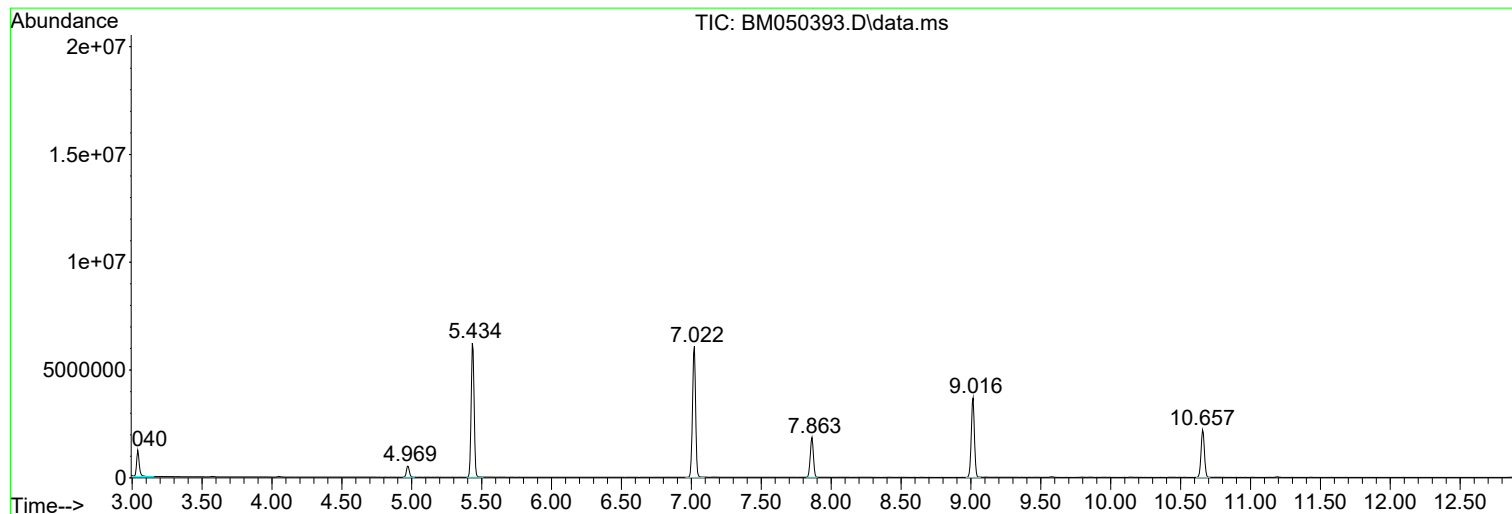
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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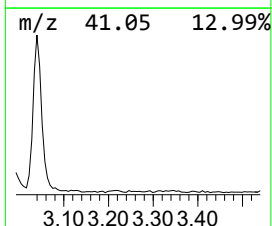
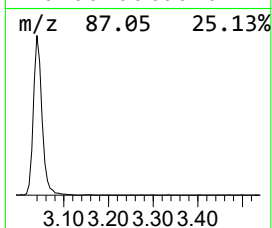
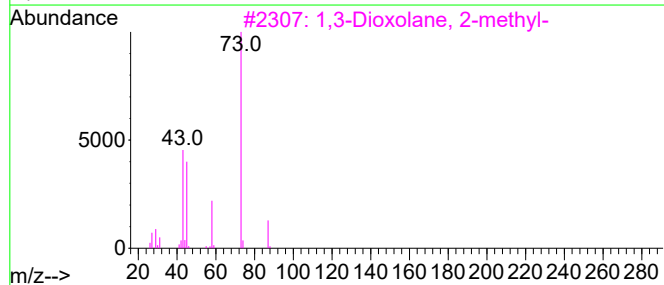
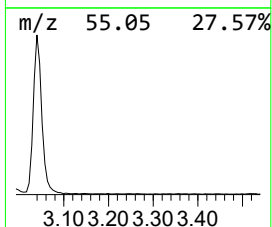
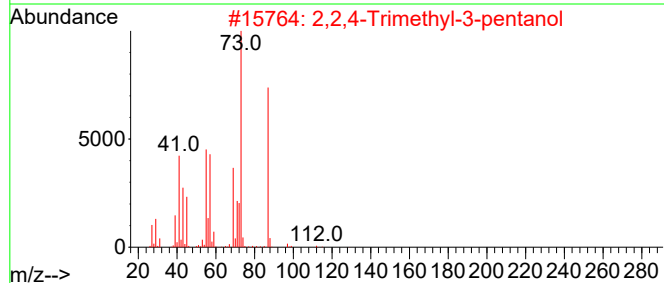
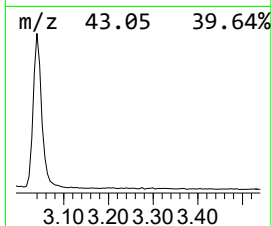
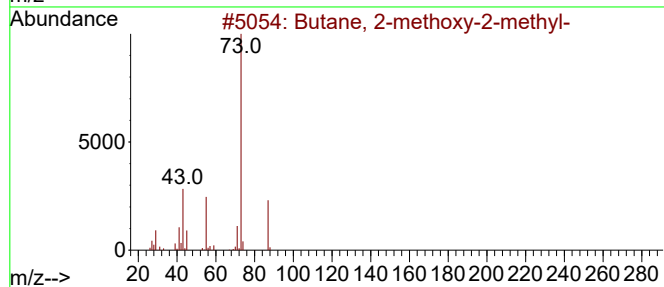
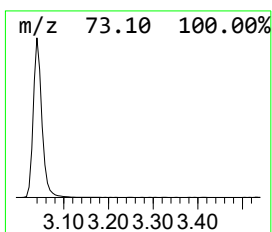
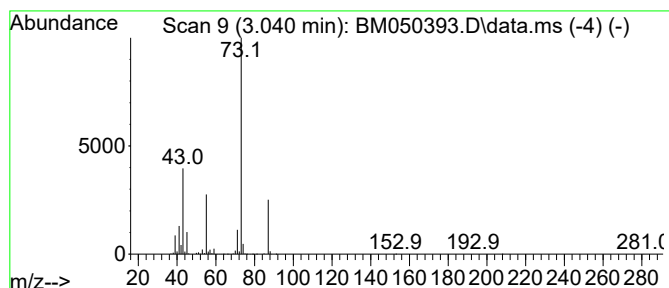
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	11.42 ng	1661180	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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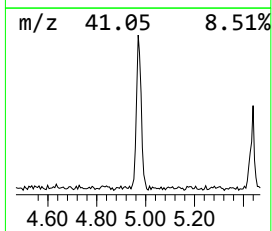
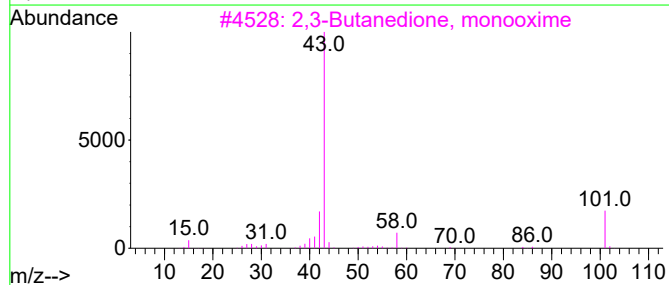
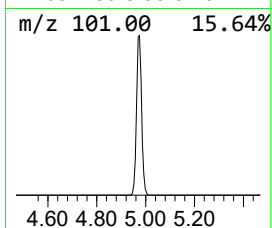
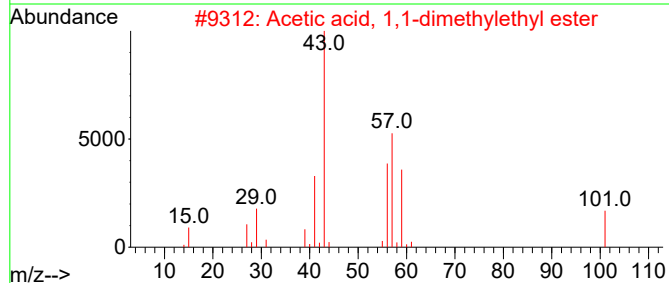
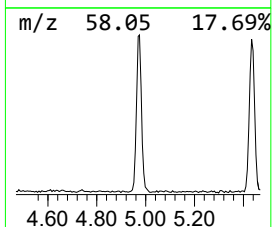
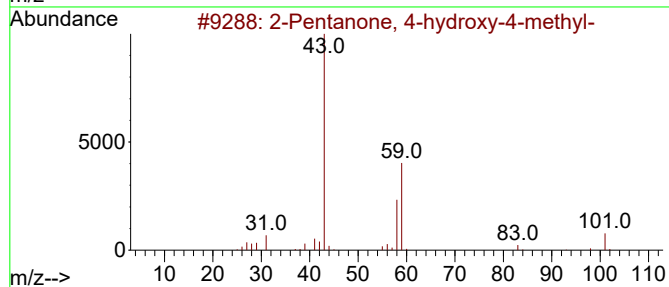
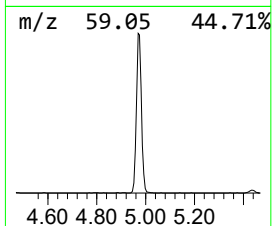
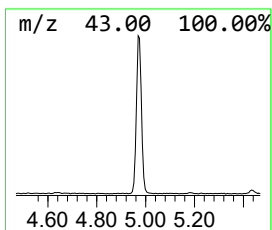
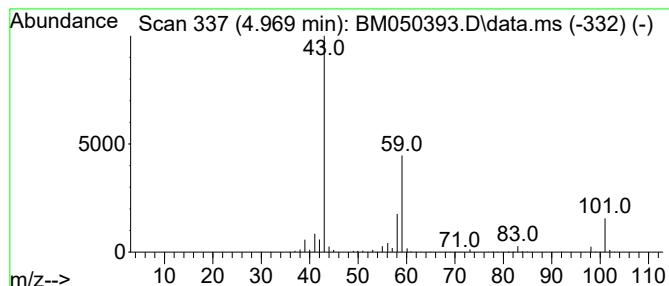
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.969	5.03 ng	732134	1,4-Dichlorobenzene-d4			7.863
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	78
2	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	16
4	Acetone		58	C3H6O	000067-64-1	14
5	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10



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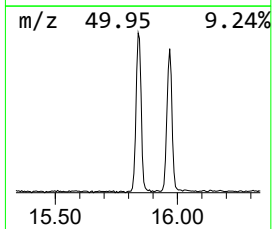
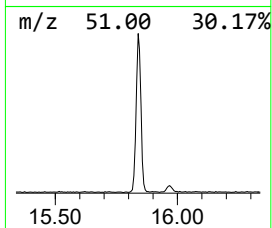
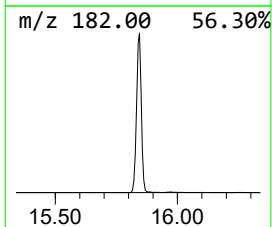
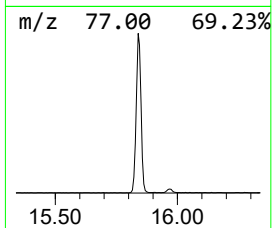
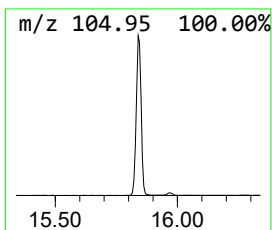
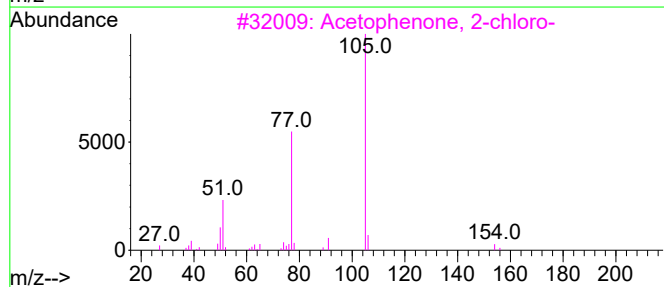
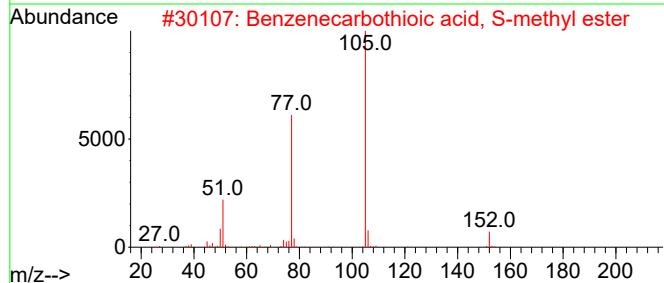
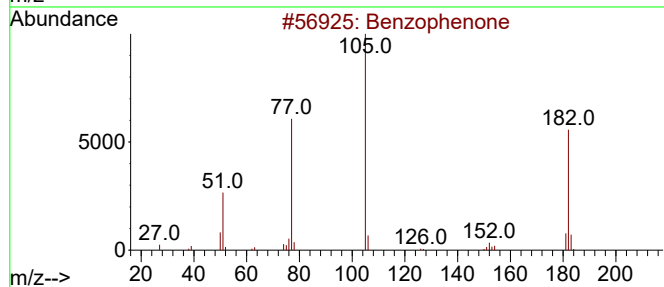
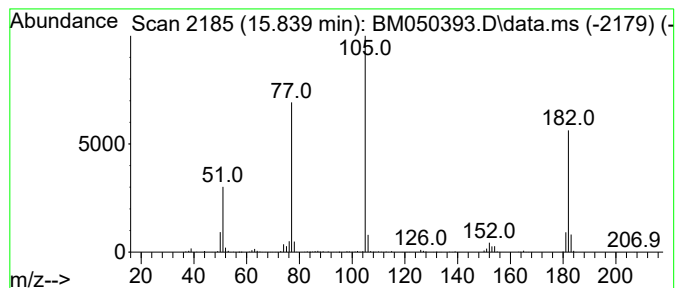
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Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	6.26 ng	1547400	Acenaphthene-d10	14.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	47
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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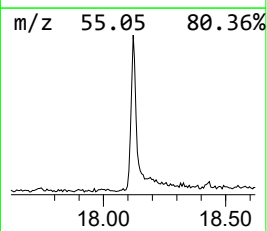
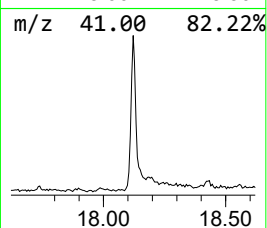
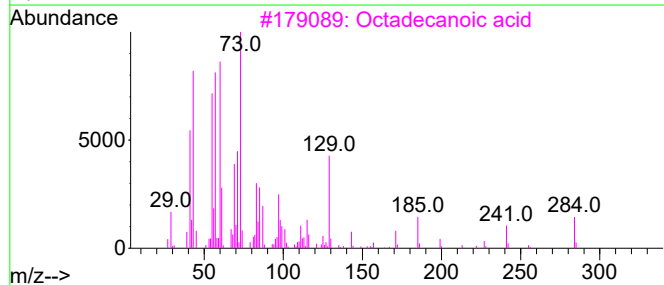
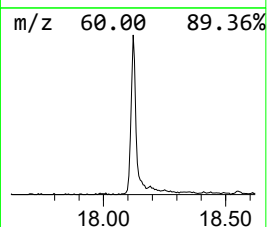
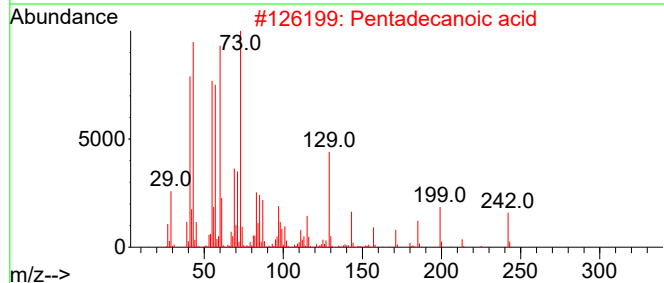
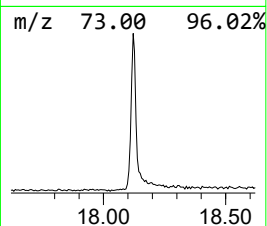
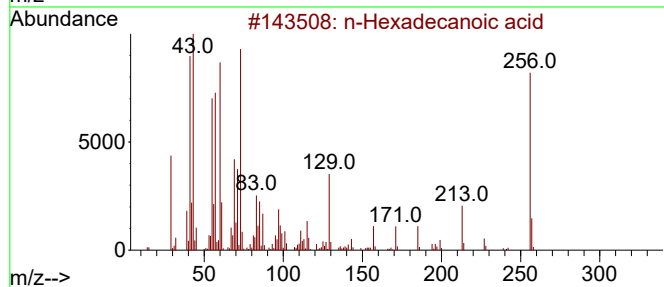
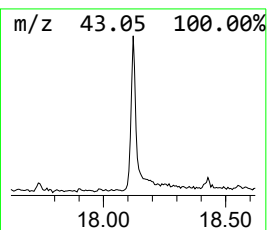
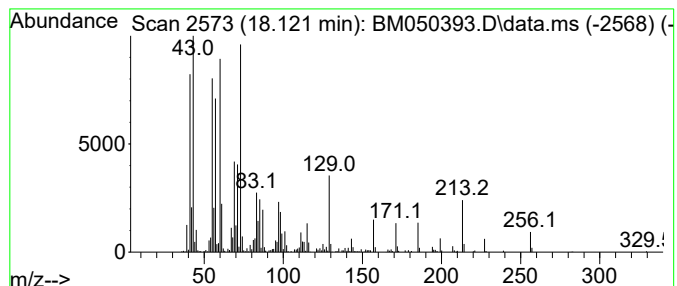
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.53 ng	735984	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			Tridecanoic acid	214	C13H26O2	000638-53-9	83
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.040	11.4	ng	1661180	1	7.863	2910200	20.0
2-Pentanone, 4-...	4.969	5.0	ng	732134	1	7.863	2910200	20.0
Benzophenone	15.839	6.3	ng	1547400	3	14.492	4946120	20.0
n-Hexadecanoic ...	18.121	2.5	ng	735984	4	17.221	5817790	20.0